

# ABSTRACT OF THE DISCLOSURE

Block copolymers are prepared by living-type or semi-living type free radical polymerization, with said copolymers having at least one random block comprised of at least one hydrophobic monomer and at least one hydrophilic monomer. The selection of

5 hydrophobic and hydrophilic monomers in the random block is determined by the relative hydrophobicity of the monomers to impart selected solubility or dispersability in water and/or alcohols of the overall block copolymer.

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